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English Channel, with Remarks upon the Laws by which those Streams appear to be governed. By Captain F. W. BEECHEY, *R.N., F.R.S. Communicated to Sir* FRANCIS BEAUFORT, *K.C.B., Hydrographer, and presented to the Royal Society by* G. B. AIRY, *Esq., F.R.S., and Astronomer Royal, &c.* . page 703

XXXI. *On the* MEGATHERIUM (*Megatherium Americanum*, BLUMENBACH). *By Professor* OWEN, *F.R.S. &c.*—Part I. *Preliminary Observations on the Exogenous Processes of Vertebræ.* 719

Index 765

APPENDIX.

Presents . . . . . [1]

ERRATA.

Page 397, line 9 from the bottom, *for* garnet-octohedrons *read* garnet-dodecahedrons.

—— 398, line 13 from the bottom, *for* $(H_4\ N)_2$ *read* $(H_4\ N)$.

—— 500, line 16, *for* J *read* $\frac{dJ}{dr}$.

In Art. 6, page 519, change β to β_1 wherever it is a factor of quantities containing Y_2 or other terms in the development of y.

Page 522, line 13 from bottom, *for* c_1 *read* C_1.

—— 531, line 14 from bottom, *for* (23.) *read* (33.).

—— 539, line 2 from bottom, *for* j_2 *read* j.

—— 703, *for* HEWITT *read* HEWETT; *for* BEAUTEMS BEAUPRES *read* BEAUTEMPS BEAUPRÉ; *for* Engineurs *read* Ingenieurs; *for* Française *read* Français.

—— 709 and 712, *for* Lemon *read* Leman.